I claim:

1. A hard disk device capable of detecting channels of a host to which hard disk controllers belong comprising:

at least two hard disks used to store data and connected to a plurality of channels of a host;

at least two enclosure-controllers each connected to one of said hard disks and used to control environmental parameters and accomplish interactive relationship of information transmission with said host;

at least two current sensors each connected to one of said hard disks and one of said enclosure-controllers and used to detect current variation of said hard disk, transform the variation into a voltage signal and transmit the voltage signal to said enclosure-controller, said enclosure-controller then converting said voltage signal into a flag; and

at least two serial buses each connected to one of said enclosure-controllers and providing connection with said host for processing communication protocols and data transmission of connection interface, said host reading said flag triggered by said enclosure-controller via said serial bus to build the corresponding relation between said channel connected to said hard disk and said enclosure-controller.

2. The hard disk device as claimed in claim 1, wherein each of said hard disks further comprises a read/write head.

3. The hard disk device as claimed in claim 1, wherein each of said enclosure-controllers has an ID.

4. The hard disk device as claimed in claim 1, wherein each of said enclosure-controllers is further connected to an indication lamp.

5. The hard disk device as claimed in claim 4, wherein said environmental parameters include temperature, voltage and said indication lamp.

6. The hard disk device as claimed in claim 1, wherein each of said enclosure-controllers compares said voltage signal with a voltage threshold to generate said flag.